



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8910

|                             |                                       |              |                        |  |
|-----------------------------|---------------------------------------|--------------|------------------------|--|
| SERIAL NUMBER<br>10/769,765 | FILING DATE<br>02/03/2004<br><br>RULE | CLASS<br>347 | GROUP ART UNIT<br>2861 | ATTORNEY<br>DOCKET NO.<br>03500.017883 |
|-----------------------------|---------------------------------------|--------------|------------------------|--|

APPLICANTS

Hiroshi Aoto, Kanagawa, JAPAN;  
 Kenichi Takeda, Kanagawa, JAPAN;  
 Tetsuro Fukui, Kanagawa, JAPAN; Toshihiro Ifuku, Kanagawa, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\* *None*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *Yes*

JAPAN 2003-031681 (PAT.) 02/07/2003  
 JAPAN 2003-031682 (PAT.) 02/07/2003

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 04/30/2004

|  |  |                              |                        |                       |                            |
|--|--|------------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed<br>35 USC 119 (a-d) conditions met<br>Verified and Acknowledged | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after allowance<br><i>Signature</i><br>Examiner's Signature Initials | STATE OR<br>COUNTRY<br>JAPAN | SHEETS<br>DRAWING<br>5 | TOTAL<br>CLAIMS<br>15 | INDEPENDENT<br>CLAIMS<br>3 |
|--|--|------------------------------|------------------------|-----------------------|----------------------------|

ADDRESS  
 5514  
 FITZPATRICK CELLA HARPER & SCINTO  
 30 ROCKEFELLER PLAZA  
 NEW YORK, NY  
 10112

TITLE  
 Dielectric film structure, piezoelectric actuator using dielectric element film structure and ink jet head

|            |   |  |
|------------|---|--|
| FILING FEE | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) |
|------------|---|--|